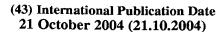
(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property **Organization**

International Bureau







WO 2004/089742 A1

PCT

(10) International Publication Number

(51) International Patent Classification7: B64C 25/16, 7/00

(21) International Application Number:

PCT/GB2004/001525

(22) International Filing Date: 7 April 2004 (07.04.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 0308003.3 03252216.1

7 April 2003 (07.04.2003) GB 8 April 2003 (08.04.2003)

(71) Applicant (for all designated States except US): AIRBUS UK LIMITED [GB/GB]; New Filton House, Filton, Bristol BS99 7AR (GB).

(72) Inventor; and

(75) Inventor/Applicant (for US only): WOOD, Christopher, Neil [GB/GB]; Roseleigh, Macclesfield Road, Eaton, Congleton, Cheshire CW12 2NP (GB).

(74) Agents: PEARSON, James, Ginn et al.; Abel & Imray, 20 Red Lion Street, London WC1R 4PQ (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW. GH. GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

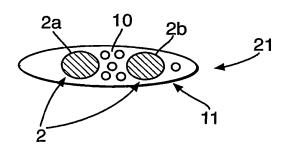
Published:

with international search report

before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: LANDING GEAR



(57) Abstract: An aircraft landing gear (1, 21) is arranged such that in its deployed position it is configured to reduce, during the approach on landing, the noise generated by the interaction of the landing gear (1, 21) and the air flowing past the landing gear. Various means are described to reduce the amount of turbulent air flow generated in the region of the landing gear (1, 21), including inverting and fairing the nose-gear shock-absorbing leg (3, 4), providing faired twin in-line oleos (2a, 2b,) and providing fairings (11) that produce shielding air curtains (24).